

Remarks: Claims

Claim 1 was amended to correct a minor typographical error. In particular, “— a —” was inserted in front of “— multicarrier-signal generator —” in line 3.

Claims 2-8 are unchanged.

Claim 9 was amended to correct a minor typographical error. In particular, the term “— generation —” was replaced with “— generating —”.

Claims 10 and 11 are unchanged.

Claim 12 is canceled.

Claims 13-28 are unchanged.

Claim 29 was amended to swap the order of the phrases:

“— providing for interferometry multiplexing of the received multicarrier signals in at least one diversity-parameter domain to obtain benefits of enhanced capacity —” and

“— providing for diversity combining of the received multicarrier signals in at least one diversity-parameter domain to obtain benefits of diversity —”.

Claim 30 is unchanged.

Claim 31 was amended to correct a minor typographical error. In particular, the term “— multiplexing —” was changed to “— demultiplexing —”.

Claim 32 is unchanged.

Remarks: Examination Report**1. Section 1 of the Examination Report**

The basis for the rejection is noted.

2. Section 2 of the Examination Report

Claim 12 was rejected under 35 U.S.C. 102(e) as being anticipated by Lee (6,496,290).

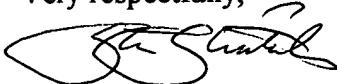
3. Section 3 of the Examination Report

Claim 12 was rejected under 35 U.S.C. 102(e) as being anticipated by Lee (6,107,954).

Claim 12 was cancelled. Therefore, the rejection of Claim 12 is moot.

4. Section 4 of the Examination Report

Claims 1-11 and 13-32 are allowed.

Very respectfully,

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